

What is claimed is:

1. A silicon spring electrode comprising:
a part having a bending leaf spring shape formed out of a monocrystal
5 silicon by anisotropic etching; and
a conductive layer formed on the surfaces of said silicon spring electrode.
2. The silicon spring electrode according to claim 1, wherein:
said bending leaf spring shape shows a continuous ring-like shape.
- 10 3. The silicon spring electrode according to claim 1 or claim 2, wherein:
said conductive layer is a gold plated layer.
4. An anisotropic conductive sheet comprising:
a soft plastic sheet;
through holes formed on said soft plastic sheet; and
15 silicon spring electrodes specified in any one of claims 1 to 3 fixed to
said through holes.
5. An anisotropic conductive sheet comprising:
a plastic sheet molded from a soft plastic material; and
silicon spring electrodes specified in any one of claims 1 to 3, wherein:
20 said silicon spring electrodes are inserted beforehand in a die assembly
for molding said plastic sheet.
6. The anisotropic conductive sheet according to claim 4 or claim 5,
wherein:
said soft plastic is a silicone resin.

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